

## MRI APPARATUS

## ABSTRACT OF THE DISCLOSURE

For the purpose of improve rendering capability for a blood vessel, an MR  
5 image producing method comprises: window-processing MR signals using a  
window function  $f(k)$  that has a "value less than one" at a center (O) and in its  
proximate region in a k-space and on a periphery and in its proximate region in  
the k-space, and has a value larger than the "value less than one" between the  
regions in which the window function has the "value less than one;" and  
10 applying Fourier-transformation processing to the window-processed MR signals  
to obtain an MR image.